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October 29, 1962

Dear Jack:

Re: OXC-3982

You have certainly changed the complexion of the problem with your requirement of a forward-backward switch and reusable material. Attacking the film chemically when it is in roll form is not very certain of success. So let's look at the following hypothetical solutions.

Condition 1. Provide a chemical-containing ampoule in either the supply or takeup cassettes. At the panic moment break the ampoule, slew the film out of the cassette containing the chemical (to get to one end) then slew the film back through the chemical and wind it up. This requires an ampoule breaker and an automatically energized reversing slew switch.

Condition 2. Provide a chemical-containing ampoule in one of the cassettes. In this cassette provide an actuatable "tuning fork" in the film path and near the bottom of the cassette. At the panic moment break the ampoule, release all drag on both ends of the film and spin the tuning fork to wind up the film like spaghetti.

In another case, the amount of liquid required is about 700 cc for the maximum amount of film.

Condition 3. With such a small amount of film, perhaps it can be destroyed by fire such as a thermit squib inside the spool core - particularly if the spool is a material which will support combustion once it is ignited.

Do you wish us to explore any of the above ideas or do you have objections to all of them?

25X1A We have been in telephone conversation with [redacted] and are awaiting further discussions with him before proceeding further on this project. 25X1A

ELG/MDG

E. L. G.

Reply to Green 11/5/62
via cable